

Morbidity and Mortality

Weekly
Report



U. S. Department of
HEALTH, EDUCATION, AND WELFARE

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended July 28, 1956

The number of poliomyelitis cases reported for the current week is 658 as compared with 1,034 for the same period last year. The proportion of paralytic cases so far in 1956 has been about 50 percent of the total as compared with about 49 percent last year. The percentage of nonparalytic cases has been about the same, and the unspecified cases have been lower, both in numbers and proportionately, this year as compared with 1955. The larger proportion of paralytic cases probably is due in part to the greater concentration of cases under 5 years of age in certain States, in which age group paralytic cases normally are proportionately greater. Reports from a few States show that the percentage of cases in the 5 to 9 year group has been smaller in 1956. This group was the first to receive poliomyelitis vaccine. The smaller number of unspecified cases indicates that more complete information is being received by States at the time cases are reported.

The numbers of reported cases of poliomyelitis by type for the United States for the current week, disease year, and calendar year are:

TYPE	CURRENT WEEK		DISEASE YEAR		CALENDAR YEAR	
	1956	1955	1956	1955	1956	1955
TOTAL-----	658	1,034	3,490	5,457	4,557	6,520
Paralytic-----	288	389	1,723	2,056	2,306	2,520
Nonparalytic-----	258	418	1,217	2,104	1,502	2,394
Unspecified-----	112	227	550	1,297	749	1,606

Since the first of the year a total of 897 cases of diphtheria has been reported in the United States. For the same period in 1955 the total was 761. The numbers of cases reported in most of the geographic divisions indicate little change in the incidence of the disease from 1955 to 1956. However, in the East North Central and the West South Central Divisions substantial increases have been reported. The East North Central States have reported 174 cases as compared with 96 for the same period last year. For the West South Central States the number rose from 161 in 1955 to 221. The South Atlantic States showed a decrease, from 203 cases for the first 30 weeks of 1955 to 179 for this year to date.

Alaska reported 29 cases of diphtheria for the current week. Two weeks ago the territory reported 6 cases, the first for 1956. No cases were reported during the first 7 months of 1955.

EPIDEMIOLOGICAL REPORTS

Histoplasmosis

The Washington State Department of Health has reported a fatal case of histoplasmosis in Seattle. The patient was a 75-year-old woman who had not been out of Washington since 1953 and who had never been in the midwestern States. In 1953 she complained of pains in her knees, wrists, and hands. Late in March 1956, she died from fracture. An autopsy of the patient's lungs revealed numerous yellow, irregular areas on the surface of and in the parenchyma of the right, lower lobe. Microscopic examination revealed small fungus bodies without budding or mycelia. The case was not confirmed by culture.

Human rabies

Dr. Henry A. Holle, Texas State Department of Health, has reported a case of human rabies, the third in the State for this year. The victim, a 3-year-old boy, was bitten on the right arm by a rabid dog early in June. Antirabies treatment was begun 9 days after the incident. Eight injections were given before onset of illness. No additional injections were given for fear symptoms were due to vaccine reaction. Shortly after onset of illness the child was hospitalized. He became paralyzed followed by a comatose state and died about a week later. An autopsy revealed Negri bodies in the brain tissue.

Two other children were bitten by the same dog. Both have completed a 14 injection course of treatment without complications.

Bat rabies

Dr. J. S. Palmer, Veterinary Public Health, Utah Department of Health, has provided preliminary information on a suspect case of rabies in a bat. The bat was taken to a laboratory on July 13 with a history of inflicting a lesion on a boy's finger. The attack occurred while handling the bat. Examination of a brain smear was inconclusive although suspicious of rabies. Mouse inoculation was also inconclusive. Additional laboratory tests are to be made. Rabies vaccine treatment has been started on the patient.

Chemical poisoning

The California State Department of Public Health has reported an outbreak of chemical poisoning among a group of 46 persons. Of these, 20 became ill with nausea, vomiting, and diarrhea from 20 to 60 minutes after a meal at which a cold drink was served. The drink was dispensed in a portable, vacuum, cadmium-lined container with the usual insert omitted. The duration of contact between liquid and metal was not stated. None of the beverage or food was examined. However, spectrographic tests of scrapings from the container revealed cadmium.

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Gastro-enteritis

The California State Department of Public Health has reported an outbreak of gastro-enteritis among 20 persons who ate a custard-filled cake in a private residence. Of these, 11 became ill with nausea, vomiting, and diarrhea from 2 to 7 hours

later. The cake was from a local bakery and had been left unrefrigerated for approximately a day before being served. Bacteriological examination of a specimen of the cake revealed gram-positive cocci in short chains.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	30th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended July 28, 1956	Ended July 30, 1955	Median 1951-55	First 30 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	-	1	-	29	20	20	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	4	5	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	20	28	---	590	730	---	---	---	---	---
Diphtheria-----055	25	9	26	897	761	1,172	71	52	121	July 1
Encephalitis, infectious-----082	52	47	34	919	819	764	290	259	223	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	258	409	---	12,738	21,664	---	---	---	---	---
Malaria-----110-117	10	19	---	124	243	---	(1)	(1)	(1)	(1)
Measles-----085	3,416	2,907	2,907	567,983	511,652	511,652	597,081	566,121	566,121	Sept. 1
Meningococcal infections-----057	30	42	56	1,825	2,340	2,815	2,748	3,389	4,084	Sept. 1
Meningitis, other-----340	29	---	---	856	---	---	---	---	---	---
Poliomyelitis-----080	658	1,034	1,497	4,557	6,520	8,401	3,490	5,457	7,083	Apr. 1
Psittacosis-----096.2	14	5	---	313	178	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	6	4	4	(1)	(1)	(1)	(1)
Smallpox-----084	-	-	-	-	-	5	(1)	(1)	(1)	(1)
Typhoid fever-----040	52	46	71	1,011	882	1,115	698	575	709	Apr. 1
Typhus fever, endemic-----101	-	3	---	64	75	---	(1)	(1)	(1)	(1)
Rabies in animals-----	60	77	112	3,100	3,348	4,527	4,127	4,701	6,071	Oct. 1

¹Frequencies are too small.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, rabies in man, and smallpox are not shown in table 2,

but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols. 1 dash [-]: no cases reported; 3 dashes [---]: data not available.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JULY 30, 1955 AND JULY 28, 1956.

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		30th week		Cumulative first 30 weeks		082		30th week		Cumulative first 30 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	20	28	25	9	897	761	52	47	258	409	12,738	21,664
NEW ENGLAND-----	2	1	1	-	9	19	-	-	23	27	836	1,978
Maine-----	-	-	-	-	-	-	-	-	8	2	200	222
New Hampshire-----	-	-	-	-	1	-	-	-	-	2	26	63
Vermont-----	1	-	-	-	-	1	-	-	-	1	101	148
Massachusetts-----	-	1	1	-	8	18	-	-	6	11	207	718
Rhode Island-----	1	-	-	-	-	-	-	-	6	3	112	280
Connecticut-----	-	-	-	-	-	-	-	-	3	8	190	547
MIDDLE ATLANTIC-----	2	2	-	-	41	35	12	11	49	91	2,714	5,432
New York-----	-	-	-	-	15	20	12	9	35	50	1,382	3,009
New Jersey-----	-	-	-	-	12	6	-	2	4	6	240	343
Pennsylvania-----	2	2	-	-	14	9	-	-	10	35	1,092	2,080
EAST NORTH CENTRAL-----	3	8	1	1	174	96	12	3	29	67	1,967	3,157
Ohio-----	-	1	1	-	14	26	2	1	7	7	484	534
Indiana-----	-	-	-	-	84	31	6	-	4	6	290	462
Illinois-----	1	2	-	-	8	4	-	2	5	22	459	782
Michigan-----	-	2	-	1	66	33	3	-	9	23	523	899
Wisconsin-----	2	3	-	-	2	2	1	-	4	9	211	480
WEST NORTH CENTRAL-----	5	6	6	2	91	91	1	10	18	32	1,083	2,711
Minnesota-----	3	-	-	1	25	30	-	-	8	16	329	954
Iowa-----	-	3	-	-	17	5	-	-	1	7	291	798
Missouri-----	-	-	1	-	10	9	-	2	2	2	59	291
North Dakota-----	-	1	4	-	5	-	-	3	-	-	85	199
South Dakota-----	1	-	1	1	6	34	1	2	5	2	132	260
Nebraska-----	-	-	-	-	25	11	-	-	1	3	87	65
Kansas-----	1	2	-	-	3	2	-	3	1	2	100	144
SOUTH ATLANTIC-----	3	1	8	3	179	203	3	3	23	24	799	1,880
Delaware-----	-	-	-	-	-	1	-	-	-	2	24	37
Maryland-----	2	-	-	-	-	9	3	-	-	4	68	270
District of Columbia-----	-	-	-	-	1	2	-	-	-	-	14	37
Virginia-----	-	-	-	-	21	15	-	1	8	9	313	795
West Virginia-----	-	-	-	-	5	12	-	-	4	-	46	203
North Carolina-----	-	-	-	1	25	33	-	-	2	5	76	230
South Carolina-----	-	-	4	-	43	45	-	-	-	-	49	46
Georgia-----	-	1	3	2	33	59	-	-	4	-	107	112
Florida-----	1	-	1	-	51	27	-	2	5	4	102	150
EAST SOUTH CENTRAL-----	-	4	4	2	118	114	11	3	30	36	1,112	1,113
Kentucky-----	-	1	-	1	8	37	9	-	10	4	344	189
Tennessee-----	-	3	-	-	19	19	1	3	10	5	492	444
Alabama-----	-	-	4	1	58	37	1	-	9	21	127	213
Mississippi-----	-	-	-	-	33	21	-	-	1	6	149	267
WEST SOUTH CENTRAL-----	2	3	5	1	221	161	1	3	16	33	951	1,175
Arkansas-----	-	2	-	-	17	9	-	-	1	7	88	170
Louisiana-----	-	-	3	-	25	18	-	-	1	1	90	85
Oklahoma-----	-	-	1	-	56	22	-	1	2	2	69	114
Texas-----	2	1	1	1	123	112	1	2	12	23	704	806
MOUNTAIN-----	2	1	-	-	22	12	-	2	17	31	1,157	1,633
Montana-----	-	-	-	-	3	3	-	-	3	8	297	226
Idaho-----	2	-	-	-	1	-	-	-	-	5	155	182
Wyoming-----	-	-	-	-	3	-	-	-	1	1	63	63
Colorado-----	-	1	-	-	3	-	-	2	6	7	255	322
New Mexico-----	-	-	-	-	4	1	-	-	2	1	104	290
Arizona-----	-	-	-	-	5	5	-	-	3	7	229	484
Utah-----	-	-	-	-	3	1	-	-	2	2	52	46
Nevada-----	-	-	-	-	-	2	-	-	-	-	2	20
PACIFIC-----	1	2	-	-	42	30	12	12	53	68	2,119	2,585
Washington-----	-	-	-	-	5	13	-	-	12	13	469	567
Oregon-----	1	-	-	-	10	-	-	-	7	17	404	718
California-----	-	2	-	-	27	17	12	12	34	38	1,246	1,300
Alaska-----	-	-	29	-	35	-	-	-	2	2	62	186
Hawaii-----	-	-	-	-	-	-	-	-	-	2	29	33
Puerto Rico-----	-	-	1	-	44	53	-	-	3	-	149	43

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JULY 30, 1955 AND JULY 28, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic					
	30th week		Cumulative first 30 weeks		080.0,080.1		080.2		110-117		085	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	658	1,034	4,557	6,520	288	389	258	418	10	19	3,416	2,807
NEW ENGLAND-----	13	263	85	601	6	127	7	97	-	-	88	139
Maine-----	-	2	11	16	-	1	-	1	-	-	13	13
New Hampshire-----	-	16	2	28	-	-	-	-	-	-	4	3
Vermont-----	3	4	14	21	2	-	1	4	-	-	13	43
Massachusetts-----	7	204	39	445	2	111	5	80	-	-	36	63
Rhode Island-----	-	8	2	21	-	3	-	1	-	-	1	-
Connecticut-----	3	29	17	70	2	12	1	11	-	-	21	17
MIDDLE ATLANTIC-----	34	103	255	672	11	22	15	33	-	-	982	585
New York-----	23	65	176	416	8	22	14	33	-	-	670	311
New Jersey-----	7	11	35	92	3	-	1	-	-	-	179	138
Pennsylvania-----	4	27	44	164	-	-	-	-	-	-	133	136
EAST NORTH CENTRAL-----	225	218	817	947	91	70	94	96	-	-	654	634
Ohio-----	24	38	105	228	3	9	4	5	-	-	113	100
Indiana-----	20	20	61	81	4	5	7	11	-	-	31	12
Illinois-----	158	54	473	223	76	11	73	28	-	-	85	126
Michigan-----	15	50	104	244	6	11	8	36	-	-	156	132
Wisconsin-----	8	56	74	171	2	34	2	16	-	-	269	264
WEST NORTH CENTRAL-----	53	92	294	513	11	31	30	50	1	1	96	104
Minnesota-----	8	24	35	103	1	8	7	16	1	-	9	20
Iowa-----	19	27	89	138	3	9	13	17	-	-	31	32
Missouri-----	17	6	90	64	5	4	6	1	-	1	28	10
North Dakota-----	-	3	6	22	-	2	-	-	-	-	19	27
South Dakota-----	1	1	11	29	-	-	-	-	-	-	-	3
Nebraska-----	1	19	21	82	-	7	1	12	-	-	3	-
Kansas-----	7	12	42	75	2	1	3	4	-	-	6	12
SOUTH ATLANTIC-----	62	81	425	825	32	25	25	45	-	1	340	152
Delaware-----	-	2	5	27	-	1	-	1	-	-	2	3
Maryland-----	2	9	20	56	1	5	1	4	-	-	33	20
District of Columbia-----	-	-	1	13	-	-	-	-	-	-	4	3
Virginia-----	7	21	45	100	4	5	3	16	-	-	93	43
West Virginia-----	4	4	28	40	2	1	2	1	-	-	27	65
North Carolina-----	20	21	80	120	11	7	8	14	-	-	30	5
South Carolina-----	4	8	37	90	1	3	2	3	-	-	35	2
Georgia-----	13	5	52	97	7	2	5	2	-	-	40	8
Florida-----	12	11	157	282	6	1	4	4	-	1	76	3
EAST SOUTH CENTRAL-----	31	46	205	369	12	16	8	13	2	-	345	73
Kentucky-----	10	17	65	112	3	6	6	10	2	-	116	8
Tennessee-----	2	13	33	74	2	2	-	-	-	-	167	29
Alabama-----	8	8	21	78	-	3	-	2	-	-	46	27
Mississippi-----	11	8	86	105	7	5	2	1	-	-	16	9
WEST SOUTH CENTRAL-----	110	118	1,143	1,222	66	40	36	42	4	5	350	231
Arkansas-----	9	11	44	80	6	7	3	4	-	-	62	18
Louisiana-----	20	9	275	180	16	8	4	1	-	-	10	-
Oklahoma-----	18	27	86	108	10	5	-	2	-	-	14	37
Texas-----	63	71	738	854	34	20	29	35	4	5	264	176
MOUNTAIN-----	42	27	241	417	9	8	8	6	1	-	180	335
Montana-----	3	1	17	22	-	1	1	-	-	-	33	111
Idaho-----	7	7	40	130	3	2	3	-	1	-	41	29
Wyoming-----	-	3	8	17	-	-	-	-	-	-	1	7
Colorado-----	1	9	25	78	1	5	-	2	-	-	29	61
New Mexico-----	1	4	20	47	-	-	1	4	-	-	22	48
Arizona-----	6	2	70	39	4	-	2	-	-	-	33	30
Utah-----	22	-	46	33	-	-	-	-	-	-	21	48
Nevada-----	2	1	15	51	1	-	1	-	-	-	-	1
PACIFIC-----	88	86	1,092	954	50	50	35	36	2	12	381	654
Washington-----	10	12	49	88	5	8	2	4	-	3	88	95
Oregon-----	4	17	62	102	2	13	2	4	-	-	39	81
California-----	74	57	981	764	43	29	31	28	2	9	254	478
Alaska-----	1	2	7	12	1	2	-	-	-	-	123	3
Hawaii-----	-	3	52	32	-	3	-	-	1	1	97	42
Puerto Rico-----	4	5	34	430	4	5	-	-	-	-	49	5

¹Includes cases not specified by type, category number 080.3.

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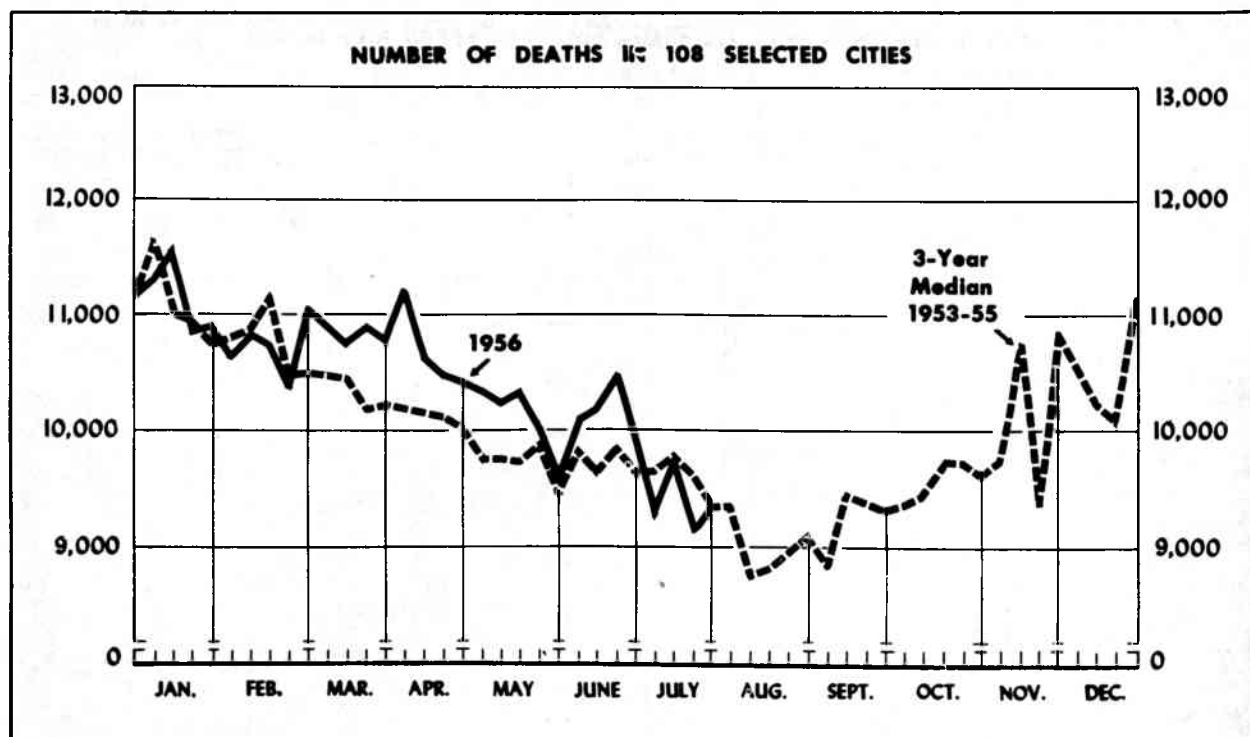
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JULY 30, 1955 AND JULY 28, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057			340	096.2		30th week		Cumulative first 30 weeks		101	
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES-----	30	42	29	14	5	52	46	1,011	882	-	60	77
NEW ENGLAND-----	1	3	3	-	-	3	-	38	17	-	-	-
Maine-----	-	1	-	-	-	-	-	11	4	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	1	-	-	-	-
Massachusetts-----	-	-	2	-	-	1	-	12	8	-	-	-
Rhode Island-----	-	1	1	-	-	2	-	5	1	-	-	-
Connecticut-----	1	1	-	-	-	-	-	9	4	-	-	-
MIDDLE ATLANTIC-----	5	7	-	2	-	4	5	135	97	-	11	5
New York-----	2	2	-	2	-	1	3	38	20	-	9	4
New Jersey-----	1	1	-	-	-	1	2	16	12	-	-	-
Pennsylvania-----	2	4	-	-	-	2	-	81	65	-	2	1
EAST NORTH CENTRAL-----	7	11	4	1	-	4	1	146	83	-	12	11
Ohio-----	2	1	-	-	-	-	-	31	36	-	7	5
Indiana-----	-	4	1	-	-	2	-	18	8	-	5	1
Illinois-----	1	1	3	1	-	-	-	20	20	-	-	3
Michigan-----	4	4	-	-	-	2	1	36	15	-	-	-
Wisconsin-----	-	1	-	-	-	-	-	41	4	-	-	2
WEST NORTH CENTRAL-----	1	1	5	5	1	6	3	133	52	-	7	6
Minnesota-----	-	-	-	5	-	-	-	32	5	-	4	-
Iowa-----	-	-	5	-	1	1	2	52	16	-	-	4
Missouri-----	1	-	-	-	-	3	1	28	21	-	1	2
North Dakota-----	-	-	-	-	-	1	-	6	-	-	-	-
South Dakota-----	-	1	-	-	-	-	-	2	4	-	-	-
Nebraska-----	-	-	-	-	-	-	-	7	4	-	2	-
Kansas-----	-	-	-	-	-	1	-	6	2	-	-	-
SOUTH ATLANTIC-----	4	3	8	3	1	10	11	163	173	-	9	21
Delaware-----	-	-	-	-	-	-	-	1	-	-	-	2
Maryland-----	-	1	2	-	-	2	1	13	8	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	11	3	-	-	-
Virginia-----	-	1	1	1	1	2	1	26	26	-	3	5
West Virginia-----	-	-	-	-	-	2	-	15	19	-	1	3
North Carolina-----	1	-	-	2	-	-	-	19	17	-	-	-
South Carolina-----	-	1	1	-	-	1	3	15	27	-	4	4
Georgia-----	3	-	4	-	-	1	2	35	33	-	1	4
Florida-----	-	-	-	-	-	2	4	28	40	-	-	3
EAST SOUTH CENTRAL-----	7	8	2	-	-	10	7	119	129	-	15	13
Kentucky-----	5	1	1	-	-	2	2	25	67	-	6	8
Tennessee-----	-	1	1	-	-	2	5	49	31	-	1	1
Alabama-----	1	6	-	-	-	4	-	12	21	-	8	4
Mississippi-----	1	-	-	-	-	2	-	33	10	-	-	-
WEST SOUTH CENTRAL-----	2	2	4	-	-	7	11	181	204	-	3	14
Arkansas-----	1	-	1	-	-	1	-	39	40	-	2	1
Louisiana-----	-	-	-	-	-	2	-	32	43	-	1	3
Oklahoma-----	-	-	1	-	-	1	1	22	32	-	-	-
Texas-----	1	2	2	-	-	3	10	88	89	-	-	10
MOUNTAIN-----	1	2	-	-	1	2	3	32	70	-	-	1
Montana-----	-	-	-	-	1	1	-	4	-	-	-	1
Idaho-----	-	1	-	-	-	-	-	2	4	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	6	-	-	-
Colorado-----	1	1	-	-	-	1	-	8	7	-	-	-
New Mexico-----	-	-	-	-	-	-	-	9	37	-	-	-
Arizona-----	-	-	-	-	-	-	2	5	13	-	-	-
Utah-----	-	-	-	-	-	-	-	1	3	-	-	-
Nevada-----	-	-	-	-	-	-	-	1	-	-	-	-
PACIFIC-----	2	5	3	3	2	6	5	64	57	-	3	6
Washington-----	-	-	1	1	-	-	-	1	1	-	-	-
Oregon-----	-	-	2	2	-	-	1	6	6	-	-	-
California-----	2	5	-	-	2	6	4	57	50	-	3	5
Alaska-----	-	1	-	-	-	-	-	1	2	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	-	-	33	27	-	-	-

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The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the

interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

AREA	30th week ended July 28, 1956	29th week ended July 21, 1956	30th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 30 WEEKS		
					1956	1955	Percent change
TOTAL: 105 REPORTING CITIES-----	9,205	8,967	9,133	+0.8	308,000	302,710	+1.7
New England----- (14 cities)	611	565	591	+3.4	20,714	21,016	-1.4
Middle Atlantic----- (16 cities)	2,665	2,596	2,686	-0.8	90,301	90,936	-0.7
East North Central----- (18 cities)	1,957	1,933	2,013	-2.8	68,550	66,961	+2.4
West North Central----- (8 cities)	597	675	704	-15.2	21,565	20,355	+5.9
South Atlantic----- (9 cities)	746	715	744	+0.3	24,272	23,212	+4.6
East South Central----- (7 cities)	338	330	375	-9.9	11,071	10,985	+0.8
West South Central----- (13 cities)	793	852	770	+3.0	25,312	23,816	+6.3
Mountain----- (8 cities)	216	210	232	-6.9	7,443	7,274	+2.3
Pacific----- (12 cities)	1,282	1,091	1,132	+13.3	38,772	38,155	+1.6

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED JULY 28, 1956

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	30th week ended July 28, 1956	29th week ended July 21, 1956	CUMULATIVE NUMBER FIRST 30 WEEKS		CITY	30th week ended July 28, 1956	29th week ended July 21, 1956	CUMULATIVE NUMBER FIRST 30 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	201	179	6,995	7,161	St. Louis, Mo.-----	166	242	7,122	6,502
Bridgeport, Conn.-----	34	39	1,096	1,155	St. Paul, Minn.-----	69	68	2,012	1,938
Cambridge, Mass.-----	29	25	921	874	Wichita, Kans.-----	23	23	1,204	1,137
Fall River, Mass.-----	22	24	863	852	SOUTH ATLANTIC				
Hartford, Conn.-----	36	46	1,437	1,400	Atlanta, Ga.-----	118	102	3,307	3,076
Lowell, Mass.-----	32	16	721	770	Baltimore, Md.-----	204	207	6,965	6,838
Lynn, Mass.-----	14	21	649	696	Charlotte, N. C.-----	26	32	930	851
New Bedford, Mass.-----	23	15	692	751	Jacksonville, Fla.-----	(51)	(44)	(1,542)	(1,409)
New Haven, Conn.-----	40	34	1,417	1,356	Miami, Fla.-----	41	41	1,529	1,617
Providence, R. I.-----	64	62	1,901	1,950	Norfolk, Va.-----	31	21	970	963
Somerville, Mass.-----	11	10	492	479	Richmond, Va.-----	65	58	2,135	1,937
Springfield, Mass.-----	36	32	1,261	1,246	Savannah, Ga.-----	(23)	(17)	(866)	(838)
Waterbury, Conn.-----	18	35	767	772	Tampa, Fla.-----	64	52	1,796	1,679
Worcester, Mass.-----	51	27	1,502	1,554	Washington, D. C.-----	167	178	5,605	5,157
MIDDLE ATLANTIC					Wilmington, Del.-----	30	24	1,035	1,094
Albany, N. Y.-----	52	41	1,484	1,443	EAST SOUTH CENTRAL				
Allentown, Pa.-----	(32)	(39)	(1,159)	(1,116)	Birmingham, Ala.-----	57	69	2,317	2,303
Buffalo, N. Y.-----	136	111	4,265	4,118	Chattanooga, Tenn.-----	42	29	1,269	1,337
Camden, N. J.-----	40	41	1,190	1,129	Knoxville, Tenn.-----	32	33	1,037	1,000
Elizabeth, N. J.-----	---	(31)	---	(837)	Louisville, Ky.-----	---	(106)	---	(3,167)
Erie, Pa.-----	35	42	1,030	1,055	Memphis, Tenn.-----	100	88	2,998	2,970
Jersey City, N. J.-----	52	54	2,138	2,133	Mobile, Ala.-----	38	31	1,003	883
Newark, N. J.-----	88	66	2,948	3,113	Montgomery, Ala.-----	20	21	856	794
New York City, N. Y.-----	1,361	1,300	47,397	48,106	Nashville, Tenn.-----	49	59	1,591	1,698
Paterson, N. J.-----	44	36	1,107	1,157	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	428	486	14,712	14,915	Austin, Tex.-----	24	14	852	753
Pittsburgh, Pa.-----	157	168	5,567	5,378	Baton Rouge, La.-----	28	15	670	649
Reading, Pa.-----	(17)	(15)	(652)	(707)	Corpus Christi, Tex.-----	20	24	571	535
Rochester, N. Y.-----	108	89	2,834	2,805	Dallas, Tex.-----	109	129	3,177	2,931
Schenectady, N. Y.-----	19	19	687	688	El Paso, Tex.-----	11	30	816	869
Scranton, Pa.-----	(30)	(31)	(1,054)	(1,011)	Fort Worth, Tex.-----	51	50	1,737	1,643
Syracuse, N. Y.-----	57	56	1,762	1,666	Houston, Tex.-----	144	144	4,041	3,778
Trenton, N. J.-----	30	35	1,337	1,453	Little Rock, Ark.-----	32	42	1,373	1,338
Utica, N. Y.-----	27	32	904	904	New Orleans, La.-----	123	159	4,836	4,500
Yonkers, N. Y.-----	31	20	919	873	Oklahoma City, Okla.-----	67	62	1,871	1,704
EAST NORTH CENTRAL					San Antonio, Tex.-----	93	88	2,638	2,589
Akron, Ohio-----	44	47	1,582	1,597	Shreveport, La.-----	55	36	1,373	1,181
Canton, Ohio-----	21	20	863	803	Tulsa, Okla.-----	36	59	1,357	1,346
Chicago, Ill.-----	648	629	22,451	21,715	MOUNTAIN				
Cincinnati, Ohio-----	114	111	4,570	4,465	Albuquerque, N. Mex.-----	20	24	683	702
Cleveland, Ohio-----	189	202	6,259	5,903	Colorado Springs, Colo.-----	17	9	388	408
Columbus, Ohio-----	99	87	3,231	3,244	Denver, Colo.-----	86	96	3,301	3,305
Dayton, Ohio-----	56	60	1,999	1,967	Ogden, Utah-----	13	9	375	327
Detroit, Mich.-----	310	279	9,694	9,900	Phoenix, Ariz.-----	16	13	789	727
Evansville, Ind.-----	24	34	1,012	956	Pueblo, Colo.-----	9	11	367	392
Flint, Mich.-----	36	29	1,188	1,104	Salt Lake City, Utah-----	50	47	1,382	1,275
Fort Wayne, Ind.-----	22	25	1,075	1,041	Tucson, Ariz.-----	5	1	158	138
Gary, Ind.-----	(20)	(18)	(884)	(823)	PACIFIC				
Grand Rapids, Mich.-----	36	30	1,273	1,275	Berkeley, Calif.-----	14	17	512	547
Indianapolis, Ind.-----	94	83	3,521	3,267	Long Beach, Calif.-----	41	60	1,599	1,488
Milwaukee, Wis.-----	115	127	3,753	3,756	Los Angeles, Calif.-----	468	369	14,085	13,656
Peoria, Ill.-----	21	34	837	866	Oakland, Calif.-----	85	85	2,761	2,624
South Bend, Ind.-----	15	25	719	748	Pasadena, Calif.-----	35	32	1,074	1,070
Toledo, Ohio-----	69	76	2,856	2,812	Portland, Oreg.-----	112	72	2,868	2,901
Youngstown, Ohio-----	44	35	1,667	1,542	Sacramento, Calif.-----	45	33	1,444	1,480
WEST NORTH CENTRAL					San Diego, Calif.-----	70	62	2,248	2,251
Des Moines, Iowa-----	34	59	1,540	1,488	San Francisco, Calif.-----	194	160	5,772	5,653
Duluth, Minn.-----	29	17	816	759	Seattle, Wash.-----	128	109	3,852	3,941
Kansas City, Kans.-----	---	---	---	(1,062)	Spokane, Wash.-----	48	52	1,419	1,385
Kansas City, Mo.-----	106	108	3,307	3,215	Tacoma, Wash.-----	42	40	1,138	1,159
Minneapolis, Minn.-----	112	94	3,624	3,456	Honolulu, Hawaii-----	(29)	(26)	(1,049)	(1,090)
Omaha, Nebr.-----	58	61	1,940	1,860					

Symbols.—parentheses [()] : data not included in table 3; 3 dashes [---] : data not available.

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